

**FIG. 1**

ALU: Arithmetic & Logic Unit  
 MAU: Multiply-Accumulate & Arithmetic Unit  
 ARF: Address Register File  
 ORF: Operand Register File

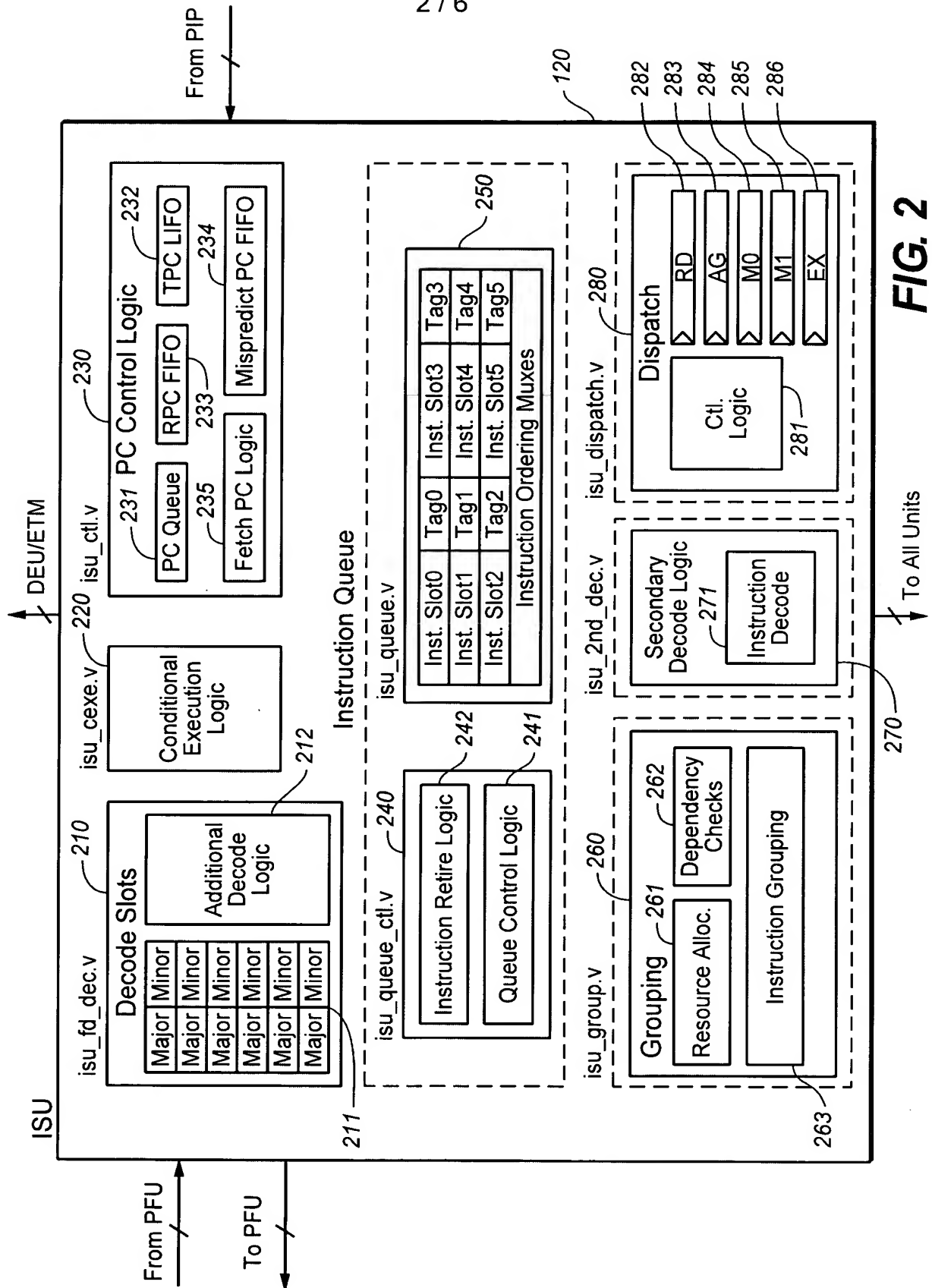


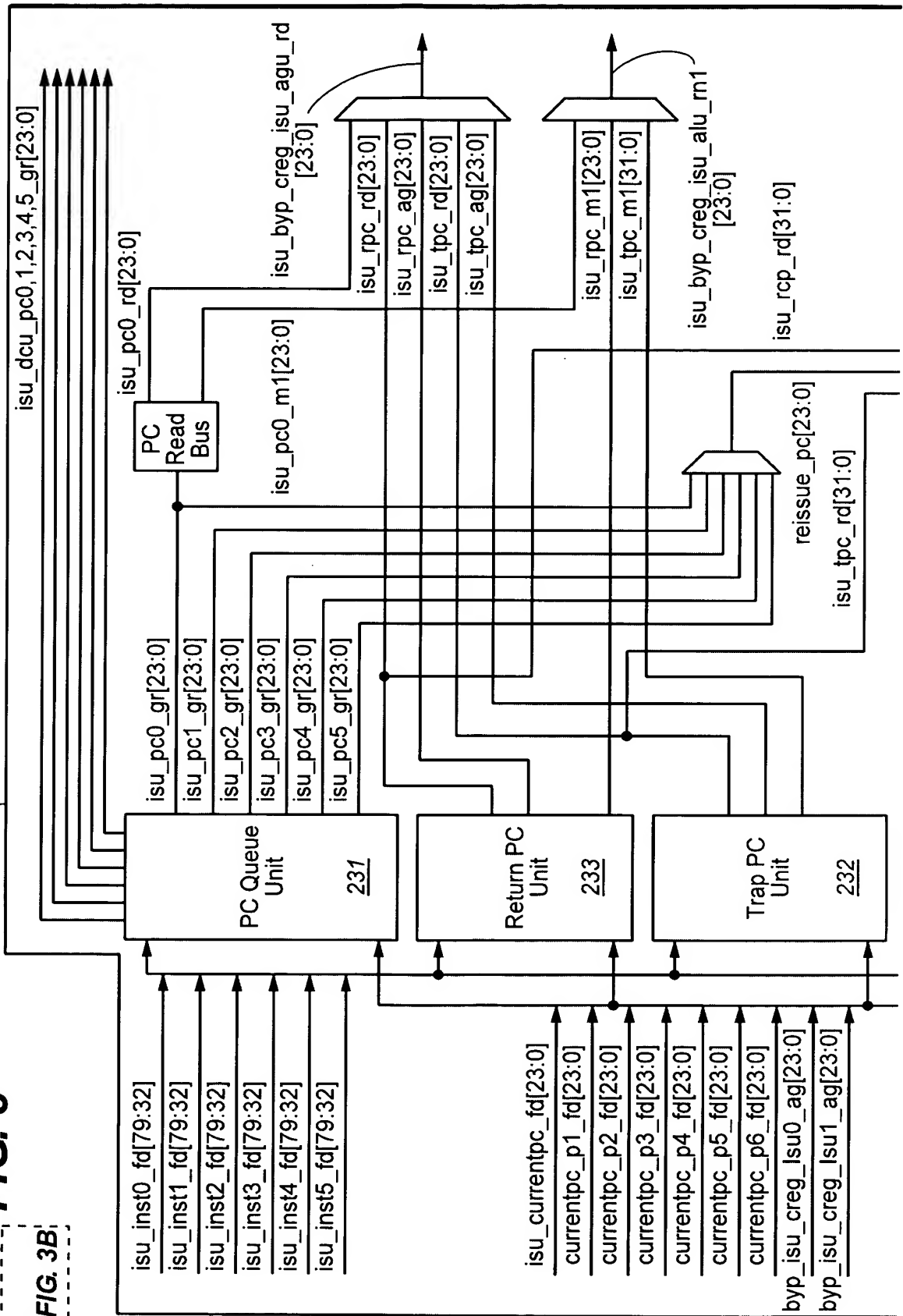
FIG. 2

FIG. 3A

FIG. 3

FIG. 3A

FIG. 3B



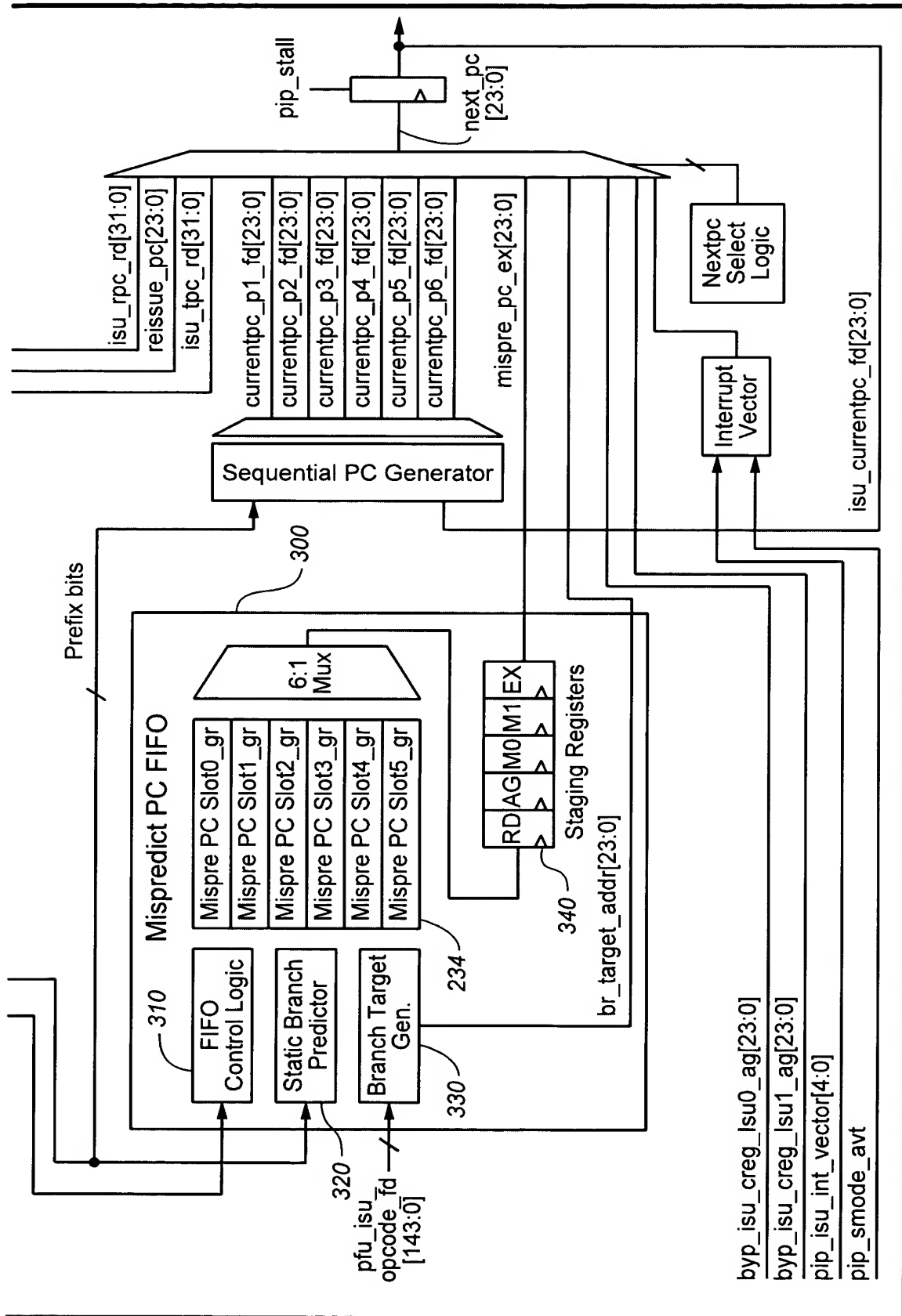


FIG. 3B

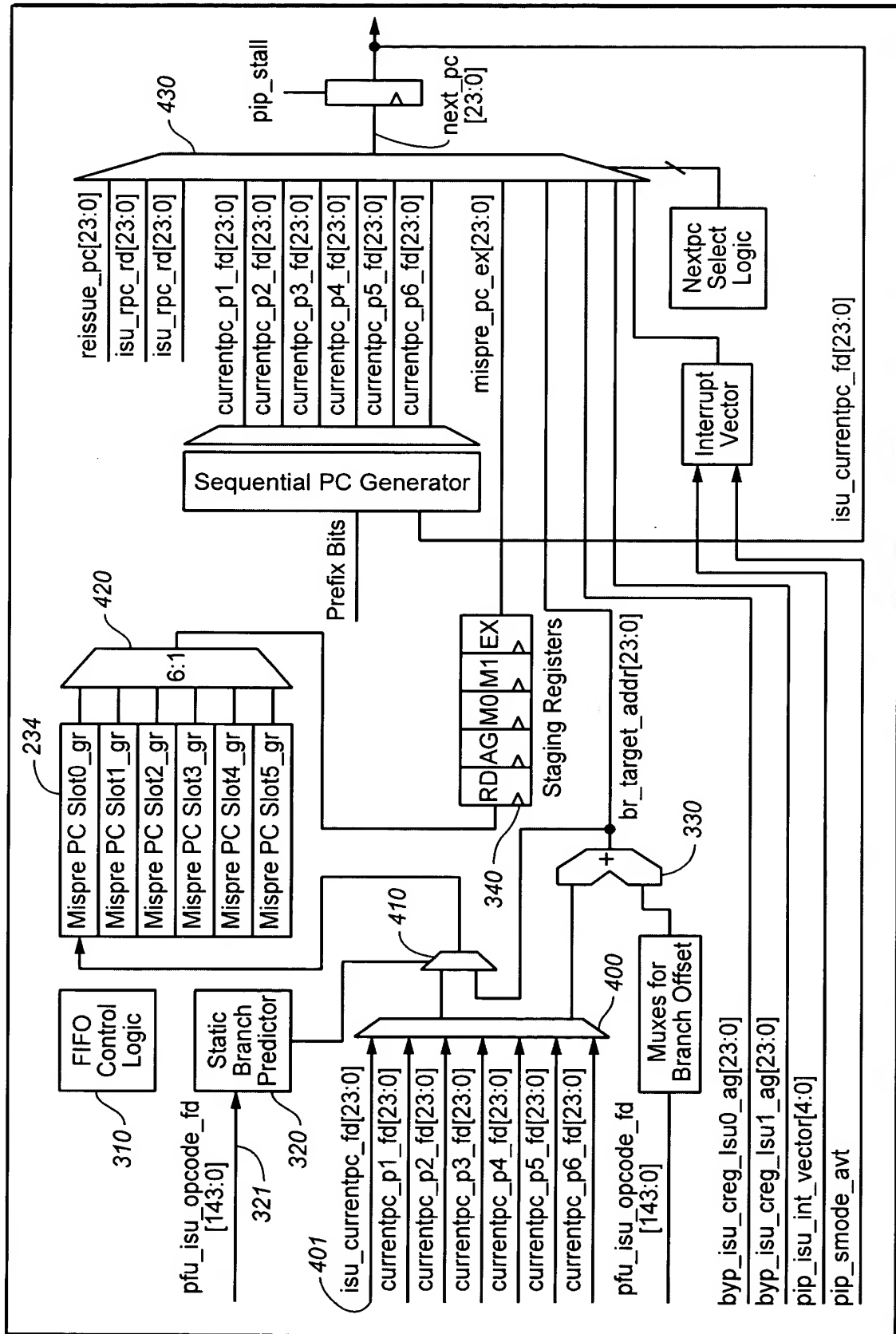
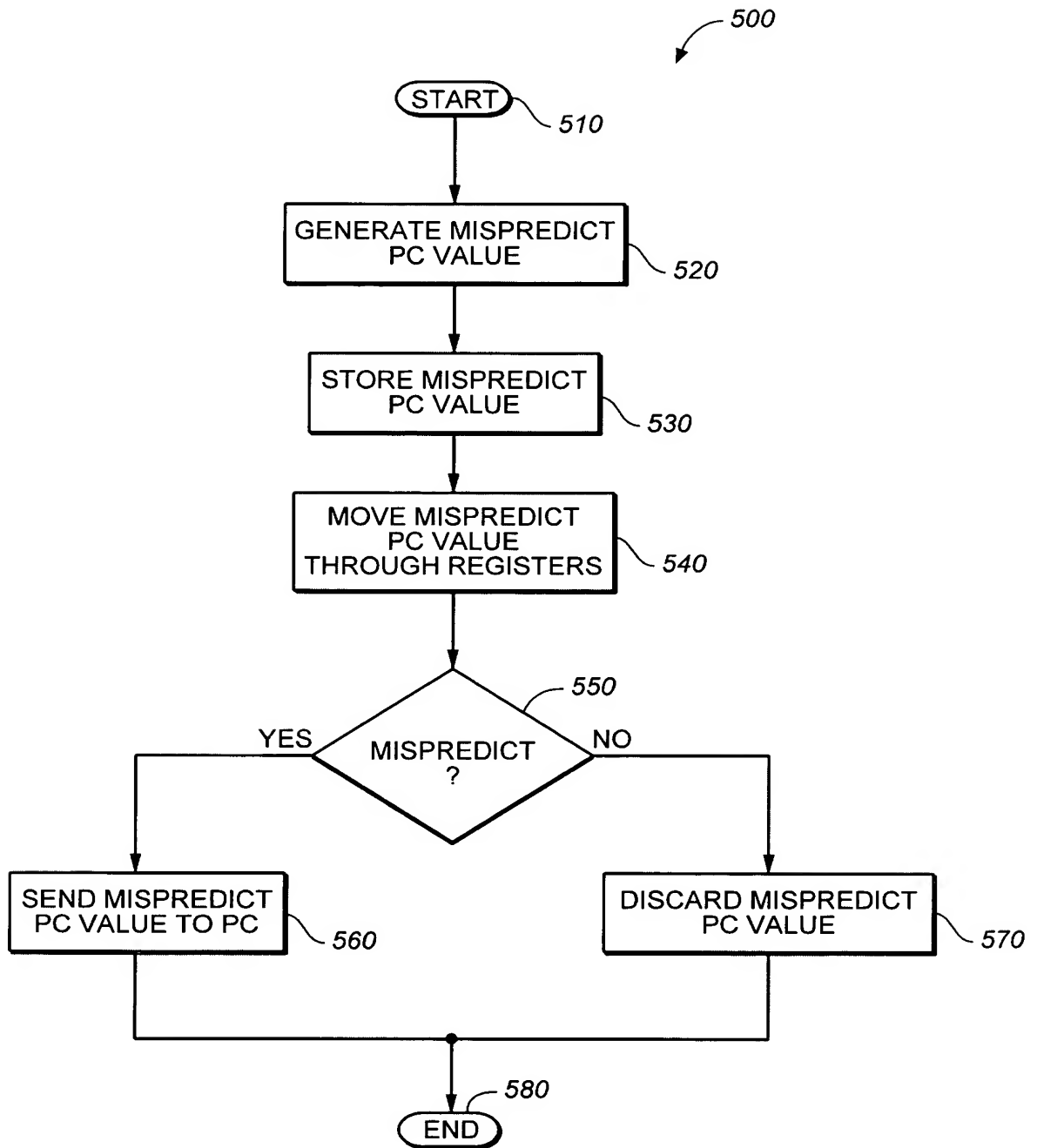


FIG. 4

**FIG. 5**